


## ■ UNIVERSAL REMOTE CONTROL

3 A 



**GB** UNIVERSAL REMOTE CONTROL  
**IE** Operating manual



Important safety instructions	2
Device summary	3
Initial use	4
Unpacking the device / checking the package contents	4
Inserting the batteries	4
Operating components	5
LCD display	5
Buttons	6
SETUP - System settings	8
Code Setup (Programming the remote control)	10
Programming by brand code search	10
Programming by manual code input	11
Programming by automatic code search	11
System-Setup	13
Setting the time	13
Setting the date	13
Adjust contrast	14
Background Illumination	14
System reset	14
Timer Setup	15
Sleep timer	15
Event timer	15
Learn Setup	16
Code learn function	16
Macro Setup	17
Favourites channel	19
Volume control	20
Vol +/-,  (Mute switching)	20
For operation	21
All OFF	21
Faults / Remedies	21
Disposal	22
CE- Conformity	23
Importer	23
Technical data	23
Important Warranty Notices	23

# UNIVERSAL REMOTE CONTROL KH2156

---

Read the operating instructions carefully before using the device for the first time and preserve this booklet for later reference. Pass this manual on to whoever might acquire the device at a future date.

## Important safety instructions

---

### Proper use

Children may only operate the remote control under adult supervision.

The universal remote control can replace a maximum of ten remote controls. It can only be used for entertainment electronics with infrared receivers. The functions of the Universal remote control essentially correspond to those of the original remote control. The universal remote control is intended for private use. It is not suitable for commercial use.

Any other use is considered improper use. The manufacturer declines to accept responsibility for damage(s) arising from improper use.

### **There is a danger of injury in the event of improper handling of batteries!**

Batteries must be handled with special care. Take note of the following safety instructions:

- Take the batteries out of the battery compartment as soon as they are depleted.
- Do not throw batteries into a fire. Never subject batteries to high temperatures.
- If you will not be using the device for a long period of time, remove the batteries to prevent them from discharging.
- Explosion hazard! Non-rechargeable batteries must never be recharged.
- Do not open the batteries or short-circuit them.
- Battery acid leaking from a battery can cause inflammation of the skin. In event of contact with the skin, rinse with large amounts of water. If the liquid comes into contact with your eyes, rinse thoroughly with water, do not rub and immediately consult a doctor.
- Always change all batteries at the same time and always use batteries of the same type.
- Keep batteries well away from children. Children can put batteries into their mouths and swallow them. If a battery is swallowed medical assistance must be sought IMMEDIATELY.

### **Laser**

The Universal remote control contains an infrared diode of laser class 1. A safety system prevents the emission of dangerous laser radiation during use. To prevent eye injuries, do not modify or damage the safety system of the device.


## Damage to the device

- If the device is defective, do not attempt to repair it yourself. In case of damage, contact the manufacturer or the manufacturer's service hotline (see Warranty information).
- If liquid escapes from the device or if the device has been otherwise damaged, it must be inspected by the manufacturer or the manufacturer's service hotline.

Contact the manufacturer or the manufacturer's service hotline (see Warranty information).

## Device summary

---

- ① LCD display
- ② ⏻/ALL OFF button
- ③ Device buttons
- ④ S button
- ⑤ Arrow buttons
- ⑥ EXIT button
- ⑦ CH +/- buttons
- ⑧ MACRO button
- ⑨ Number buttons
- ⑩ Button for one or two digit programme numbers
- ⑪ Teletext function buttons
- ⑫ AV button
- ⑬ Record/Playback buttons
- ⑭  Mute switching
- ⑮ VOL +/- buttons
- ⑯ MENU button
- ⑰ OK button
- ⑱ FAV / EPG button
- ⑲ Infrared sender/receiver
- ⑳ Battery compartment cover

### **Tips:**

- The functions described here pertain to the theoretically ideal circumstance that the button structure of the respective original remote control is identical to this universal remote control. This only occurs, however, in rare cases. If, therefore, not all of the original remote control's functions can be reproduced it is not due to a deficiency in the Universal remote control.
- All the brand names used in these instructions or in the accompanying code list are trademarks of the corresponding companies.

# Initial use

---

## Unpacking the device / checking the package contents

### **⚠ Important!**

Keep the plastic packaging well away from small children. There is a risk of suffocation!

- Unpack the device and accessories.
- Check the package contents
  - Universal remote control (URC),
  - Operating instructions,
  - Manufacturers directory with device code list:
  - 2 x 1,5 V Batteries, type AAA/LR03 (Micro)
- Remove the protective foil from the LCD display ❶.

### **❶ Note: Transport damage**

If you notice any transport damage contact the manufacturer or the manufacturer's Service-Hotline (see warranty information).

## Inserting the batteries

### **⚠ Attention!**

The Universal remote control must only be operated with 1.5 Volt batteries (Type AAA, LR03).

Carry out the battery change as quickly as possible. Preset settings will remain saved for approx. 1 minute. If new batteries have not been installed within this time all of the settings will have to be carried out again. The time of day will, however, in any case be deleted.



1. Open the battery compartment cover ❷ in the direction of the arrow.
2. Insert the batteries as shown in the diagram and close the battery compartment.

The LCD display ❶ is activated as long as batteries are installed. The following diagram shows the LCD display ❶ after the batteries have been installed or changed.



**i Note:**

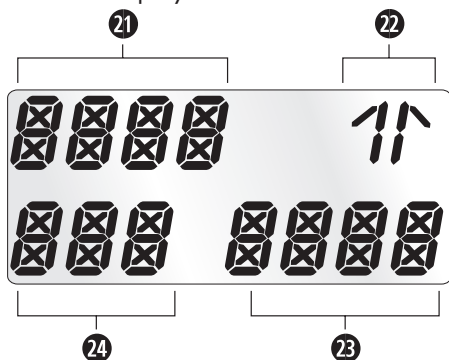
If no LCD display ❶ is visible check the polarity of the batteries or install new ones.

## Operating components

---

### LCD display

The LCD display ❶ is divided into fields.



#### Text field 21

Here is shown the currently selected device, for example DVD, TV VCR etc.

#### Infrared symbol 22

Every time a button is pressed, with which an infrared signal is to be sent the Infrared symbol illuminates.

#### Code/Time field 23

Here is shown the device code of the relevant selected device or the time of day. With the time of day indicator ":" the numbers blink in the middle.

#### Day of the week field 24

Here you can read the English shortened form of the current day of the week after you have entered the date.

<i>MON</i>	= Monday
<i>TUE</i>	= Tuesday
<i>WED</i>	= Wednesday
<i>THU</i>	= Thursday
<i>FRI</i>	= Friday
<i>SAT</i>	= Saturday
<i>SUN</i>	= Sunday

#### Standard display:



The standard readout of the LCD display ❶ consists of the details for the relevant device, for example, "TV", the initial for the day of the week and the time of day indicator.

## Buttons

### ❶ **Note:**

All the functions described here can, of course, only be used if they are supported by the device being controlled.

### ⏻/ALL OFF button. ❷



Switch device on/off. hold down for approx. 5 seconds to switch all devices on/off.

### Device buttons ❸

The device buttons are used to select the device that should be operated.

- TV Television
- VCR Video recorder
- AUX1 Accessory unit 1
- CBL Cable receiver
- CD CD player
- ASAT Analogue satellite receiver
- AMP Audio amplifier
- DVD DVD player
- DSAT Digital satellite receiver
- AUX2 Accessory unit 2

### "S" button ❹



Hold down for 3 seconds to access the SETUP menu.

### Arrow buttons ❺



Move up, right, left and down in menus.

### EXIT button ❻



Move a level backward in the menu.



## CH +/- buttons 7



Change the reception channel.

## MACRO button 8



MACRO

MACRO button 8 followed by a number button 9 1-4 activates a previously saved chain of commands.

## Number buttons 9



Enter programme and device code numbers.

## Button for one/two digit programme numbers 10



For two digit programme numbers (depending on the device type) first press the 10 button then via the number buttons 9 enter the programme number. When pressed again the display becomes single digit once more.

## Teletext function buttons 11

In teletext operation the buttons have the following functions:



Access the teletext function



Stop automatic paging forward for multi-page teletexts.



Enlarge page presentation



Screen text and TV image one upon the other



To end the teletext function.

### **i Note:**

The function is only available in the European TV mode and your TV device must have a teletext module.

In addition the CH +/- buttons 7 control the following teletext functions:

**CH +** Leaf one page forward

**CH -** Leaf one page backwards







## AV button 12




Switch to the AV input.

## Record/playback buttons 13

The playback buttons 13 control devices such as DVD/CD players and video recorders:

	Record
	Start playback
	Stop Playback/Record/Wind
	Pause playback
	Wind forward
	Rewind


## Mute switching 14

 Switch sound on/off.


## VOL+/- buttons 15

 Set volume (Volume).


## MENU button 16

 Access the menu of the controlled device.

## OK button 17

 You can confirm a menu selection with the OK button.

## FAV/EPG button 18

 The FAV/EPG button accesses the electronic programme guide of the device and/or your previously programmed favourite stations.

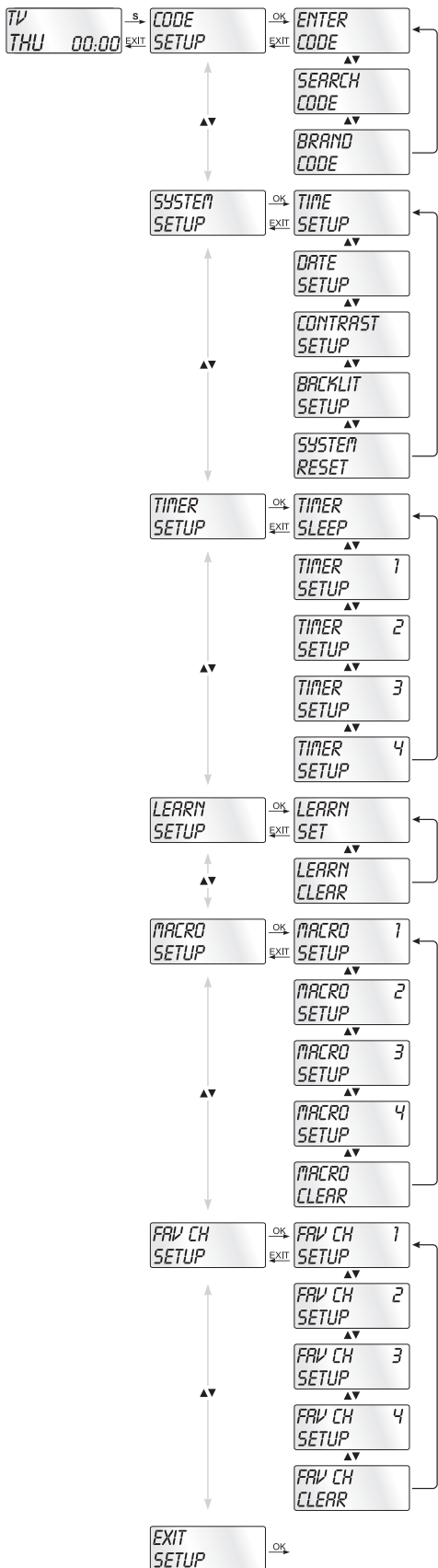
## SETUP - System settings

---

In the system settings you undertake the following:

- Programming the remote control to the devices to be controlled
- Settings for time of day, date, display contrast and background illumination
- Timer settings
- The "learning" of designated button commands
- Setting up Macros
- Assigning favourites
- etc.

On the following page you can see a summary of the menu structure.



## Code Setup (Programming the remote control)

---

3 Programming methods are available for the remote control: Programming by brand code search, by automatic code search and by direct code input (manual).

First you should use the brand code search since this method is the fastest way of programming if the manufacturer of your device is itemized in the code list. As second is recommended the direct code input followed by the automatic code search.

### Programming by brand code search

With this method you select the brand and code direct via the LCD display ❶.

Observe the following operational references to programme the remote control

1. Press the device button ❸ for the device that you want to programme the remote control.
2. Hold down the S button ❹ for a little longer than 3 seconds. Carry out entries in the menu quickly because after approx. 15 seconds without an entry the menu will be ended.
3. In the LCD display ❶ "CODE SETUP" appears. Press the OK button ❷. "ENTER CODE" now appears in the LCD display ❶. With the ▲ ▼ buttons ❺ select "BRAND CODE" and confirm with the OK button ❷.
4. Now appears the alphabetical first brand name from the list of pre-programmed devices.
5. With the ◀ ▶ buttons ❺ select the various brand names.
6. To make access easier you can skip directly to specific letters of the alphabet with the number buttons ❹:  
2 => A      3 => D      4 => G      5 => J  
6 => M      7 => P      8 => T      9 => W  
Example With button number 5 the display skips to the letter "J". The first brand is "JVC"\* . If, for example, you own a "Kenwood"\* brand device, continue leafing with the ▶ button ❺ until this brand name appears. (\* All brand names used here are trademarks of the corresponding manufacturer.)
7. The majority of manufacturers use several different codes for the remote control. You must now ascertain which of the available codes is best suited to your device. On the right underneath the brand name the relevant code will be shown in the LCD display ❶.
8. Point the remote control to the relevant device and press the function buttons to test the code (except ▲ ▼ ◀ ▶ ❺, OK ❷, or the number buttons ❹).

9. If most of the buttons function press the OK button ⑰ to save the setting. In the LCD display ① "OK" appears. Now the mode "BRAND CODE" appears again.
10. If, however, none or only a few of the buttons function select with the ▲ or ▼ button ⑤ the next code and test again as described in step 8.
11. With the EXIT button ⑥ you will move one level upwards in the menu.

Repeat these operational steps for all devices that you would like to control with the remote control.

## Programming by manual code input

In this mode the remote control can be programmed by direct input of a code number. You can obtain the necessary code number from the enclosed manufacturers directory with device code list. In the event that the new code is invalid the last valid programmed code will be restored.

1. Press the device button ③ for the device that you want to programme the remote control.
2. Hold down the S button ④ for a little longer than 3 seconds.
3. In the LCD display ① "CODE SETUP" appears. Press the OK button ⑰. "ENTER CODE" now appears in the LCD display ①. To access this function press the OK button ⑰.
4. In the LCD display ① appears the presently used code for the selected device. Now the first digit of the code blinks and waits for your code input. Enter the new four digit code via the number buttons ⑨.
5. If the entered code is valid for the selected device type then the code will be saved. In the LCD display ① "OK" appears briefly and then again "ENTER CODE". In the event of failure the LCD display ① shows briefly "ERROR" and waits for a new code entry. Then you repeat step 4.
6. With the EXIT button ⑥ you will move one level upwards in the menu.

## Programming by automatic code search

This process can take several minutes per device since all codes for the selected device have to be gone through. Therefore this method should only be used when the device cannot be programmed via brand code search or direct code input or if your device is not listed at all in the manufacturers directory with device code list.

Follow the steps listed below to carry out programming by means of the automatic code search.

1. Press the device button ❸ for the device that is to be controlled (i.e. VCR).
2. Switch the device that is to be controlled with the remote control on. With VCR/DVD/CD devices please insert a tape and/or disc.
3. Hold down the S button ❹ for a little longer than 3 seconds.
4. In the LCD display ❶ "CODE SETUP" appears. Press the OK button ❶. "ENTER CODE" now appears in the LCD display ❶. Press the ▲ or ▼ button ❺ until "SEARCH CODE" is shown in the LCD display ❶. Point the remote control to the device and then press the OK button ❶ to access the mode "automatic code search".
5. The search begins. Thereby the device sends, one after the other, the code numbers in ascending order. This is shown by a blinking infrared symbol ❷.
6. When the device reacts by switching off press immediately the OK button ❶ to save the relevant code. The LCD display ❶ shows briefly "OK".
7. Check to see if the majority of your device's functions can now be controlled with the remote control. If yes you have most probably found the correct code. In the event that a few functions are not working you can start the automatic code search again beginning with step 1.
8. However if the device does not react any more you probably did not press the OK button ❶ quick enough in step 6. Then press repeatedly the EXIT button ❻ to exit the menu and return to the standard display.
9. Now hold down the device button ❸ of the device for which you have just sought the relevant code. Below on the right in the LCD display ❶ will thereby be shown the relevant code. Make a note of this number.
10. Then proceed as described in the preceding chapter "Programming by manual code entry" and check to see if the code with the next lowest number combination will function.

**❶ Tips:**

1. When code search is activated all buttons except OK ❶ and EXIT ❻ are ignored.
2. Should the correct code be found, however the device's original remote control did not have a POWER button then it is possible that the device cannot be switched on or off remotely. Then try the buttons ▶ ❺, CH + ❷ or MUTE SWITCHING ❸ ❹.
3. If the automatic search has reached the end of the code list it stops there. The display then returns to "SEARCH CODE".

# System-Setup

---

## Setting the time

The LCD display ❶ shows you the time of day. You set this as follows:

1. Hold down the S button ❹ for a little longer than 3 seconds. The notice "CODE SETUP" appears. If approx. 15 seconds passes without an entry the device exits the menu and returns to the standard display.
2. With the ▲ or ▼ button ❺ select "SYSTEM SETUP" and confirm with the OK button ❶.
3. In the LCD display ❶ "TIME SETUP" appears. Confirm with the OK button ❶. The LCD display ❶ now shows "TIME" and the time format (24 HR) blinks.
4. With the ▲ or ▼ button ❺ you can switch to the other time format (12 HR AM/PM). Thereby "AM" stands for "ante meridium" (= morning, 0:00 to 12:00 o'clock) and "PM" stands for "post meridium" (= afternoon, 12:00 to 0:00 o'clock). Press the OK button ❶ to confirm.
5. Now the hour indicator blinks. With the ▲ or ▼ button ❺ select the hour number for the present time of day and press the OK button ❶.
6. Now the minute indicator blinks. With the ▲ or ▼ button ❺ select the minute number for the present time of day and press the OK button ❶ to save. The "TIME SETUP" notice appears again.
7. To exit this or the following menus press repeatedly the EXIT button ❸ until the standard display appears in the LCD display ❶.

## Setting the date

The LCD display ❶ shows you the date when you press the S button ❹. You set the date in this way:

1. Hold down the S button ❹ for a little longer than 3 seconds. The notice "CODE SETUP" appears.
2. With the ▲ or ▼ button ❺ select "SYSTEM SETUP" and confirm with the OK button ❶.
3. In the LCD display ❶ "TIME SETUP" appears. Press the ▼ button ❺ to change to "DATE SETUP". Confirm with the OK button ❶.
4. In the display the year "2009" blinks. With the ▲ or ▼ button ❺ you can change the year and confirm with the OK button ❶. With the ▲ or ▼ button ❺ you can change the now blinking month and confirm with the OK button ❶. Now the day indicator blinks which you can also change with the ▲ or ▼ button ❺.
5. To save press the OK button ❶. The "DATE SETUP" notice appears again.

## Adjust contrast

You can set the display's contrast as follows:

1. Hold down the S button ④ for a little longer than 3 seconds. The notice "CODE SETUP" appears.
2. With the ▲ or ▼ button ⑤ select "SYSTEM SETUP" and confirm with the OK button ⑰.
3. With the ▲ or ▼ button ⑤ select "CONTRAST SETUP" and confirm with the OK button ⑰.
4. In the LCD display ① the contrast value now blinks which you can set with the ▲ or ▼ button ⑤.  
Display readout:  
0 = highest contrast:  
15 = lowest contrast
5. With the OK button ⑰ you can save the desired setting. The notice "CONTRAST SETUP" appears again.

## Background Illumination

You can set the length of time that the background of the LCD display ① stays illuminated after the end of operation. Thereby taking into account that the longer the illumination remains lit the shorter the battery life will be.

1. Hold down the S button ④ for a little longer than 3 seconds. The notice "CODE SETUP" appears.
2. With the ▲ or ▼ button ⑤ select "SYSTEM SETUP" and confirm with the OK button ⑰.
3. With the ▲ or ▼ button ⑤ select "BACKLIT SETUP" and confirm with the OK button ⑰.
4. In the LCD display ① now blinks the second count for the length of time that the light is to be left on which you can set with the ▲ ▼ buttons ⑤ from 0 to 60. If you select "0" the background illumination will shut off completely.
5. With the OK button ⑰ you can save the desired setting. The notice "BACKLIT SETUP" appears again.

## System reset

Via this function you can reset the URC to its factory default settings. Thereby all settings made by you will be deleted.

1. Hold down the S button ④ for a little longer than 3 seconds. The notice "CODE SETUP" appears.
2. With the ▲ or ▼ button ⑤ select "SYSTEM SETUP" and confirm with the OK button ⑰.
3. With the ▲ or ▼ button ⑤ select "SYSTEM RESET" and confirm with the OK button ⑰.
4. In the LCD display ① now appears "CONFIRM RESET" confirm the reset with the OK button ⑰. All settings are now deleted and the menu will end.



# Timer Setup

---

The URC offers 2 timer modes, sleep timer and event timer.

## Sleep timer

1. Press the device button **3** for the device that is to be controlled (i.e. VCR).
2. Hold down the S button **4** for a little longer than 3 seconds. The notice "CODE SETUP" appears.
3. Press the  $\blacktriangle$  or  $\blacktriangledown$  button **5** until "TIMER SETUP" is shown. Press the OK button **17** "TIMER SLEEP" appears in the LCD display **1**. Confirm the selection of this function with the OK button **17**.
4. Now, below to the right in the LCD display **1** blinks the minutes for the remaining time of the selected device. Set with the  $\blacktriangle$  or  $\blacktriangledown$  button **5** the desired value from 1 to 99 minutes. Press the OK button **17** to confirm.
5. Position the remote control in such a way that your infrared signal can reach the device to be switched off. After expiration of the set time the remote control will switch the device off.
6. To check if the SLEEP timer is activated press the S button **4**. Then below to the left in the LCD display **1** "SL" will be shown.

## Event timer

The remote control has 4 event timers available via which you are allowed to send out specific series of button combinations at designated times.

1. Hold down the S button **4** for a little longer than 3 seconds. The notice "CODE SETUP" appears.
2. With the  $\blacktriangle$  or  $\blacktriangledown$  button **5** select "TIMER SETUP" and confirm with the OK button **17**. "TIMER SLEEP" appears in the LCD display **1**. With the  $\blacktriangle$  or  $\blacktriangledown$  button **5** select the desired memory slot "TIMER SETUP 1" to "TIMER SETUP 4" and confirm with the OK button **17**.
3. Now the hour of the time of day, to which the desired button combinations are to be carried out, blinks. Set with the  $\blacktriangle$  or  $\blacktriangledown$  button **5** the desired hour and press for confirmation the OK button **17**.
4. Now the minutes of the time of day, to which the desired button combinations are to be carried out, blinks. Set with the  $\blacktriangle$  or  $\blacktriangledown$  button **5** the desired minutes and press for confirmation the OK button **17**.
5. In the LCD display **1** you will see "TIMER X KEY" (X stands for the desired timer). Now press the desired device button **3** followed by the desired sequence of the button commands.
6. Press the S button **4** to save your entry and to return to the timer menu.
7. Proceed in a similar manner in order to, if required, programme the other timer memory slots also.

### **i Tips:**

1. Per timer memory slot a maximum of 14 buttons can be programmed. After entry of the 14th button the sequence will be automatically saved and "FULL" is shown in the LCD display ❶.
2. In this menu also the device will return to the standard display after approx. 15 seconds without an entry.

## **Learn Setup**

---

The Universal remote control (URC) can learn and save button signals of an original remote control. If the URC does not work after applying the programming methods already described or cannot carry out all commands please attempt to teach the URC with the help of the original remote control.

- Use new batteries for the URC and the original remote control.
- Maintain a distance of at least one metre from other light sources. The light sources could disrupt the infrared transmission.
- Place the URC and the original remote control at a distance of 20 to 50 mm from each other on an even surface so that the infrared diodes ❶⁹ are facing each other.

### **i Tips:**

1. Do not use the following buttons for the learn function: all device buttons ❸, MACRO ❸, S button ❹, EXIT ❻.
2. When teaching please do not release the button of the original remote control until "SUCCESS" or "LEARN ERROR" appears in the LCD display ❶.
3. If when teaching, during the notice "LEARNING", no button is pressed on the original RC after 25 seconds the learn menu will end. This mode can not be ended by pressing a button on the URC.
4. If the memory is full the LCD display ❶ shows "LEARN FULL" and the learn mode will end.
5. With the EXIT button ❻ you return to the previous status (except with a notice of "LEARN KEY" and/or "LEARNING").

## **Code learn function**

1. Press the device button ❸ for the device that the URC should learn a button code.
2. Hold down the S button ❹ for a little longer than 3 seconds. The notice "CODE SETUP" appears.
3. With the ▲ or ▼ button ❺ select the menu "LEARN SETUP" and then press the OK button ❶⁷.
4. In the LCD display ❶ "LEARN SET" appears. Then press the OK button ❶⁷. In the LCD display ❶ "LEARN KEY" appears.

5. First press the button on the URC that is to be taught. In the LCD display ❶ "LEARNING" appears. The URC now waits for the infrared signal from the original remote control.
 

❶ **Note:**  
Should the notice not change to "LEARNING" you have selected a button for which no button code can be taught.
6. Point the infrared sensors ❸ of both remote controls towards each other.
7. Now hold down the desired button of the original remote control until "SUCCESS" or "LEARN ERROR" appears in the display ❶ of the URC.
8. If in the LCD display ❶ "SUCCESS" appears (process successful), you can teach further buttons beginning with step 5. If "LEARN ERROR" appears (process unsuccessful) repeat the process in any case from step 5.
9. To stop the learn process press, during the notice "LEARN SET", the S button then press repeatedly the EXIT button ❷ until the standard display appears in the LCD display ❶. During the notice "LEARN KEY" and/or "LEARNING" simply allow 25 seconds to pass without any operation then the device will end the menu.

### Delete all of a device's programmed buttons

1. Press the device button ❸ for the device that you want to delete all taught button codes.
2. Hold down the S button ❹ for a little longer than 3 seconds. The notice "CODE SETUP" appears.
3. With the ▲ or ▼ button ❺ select the menu "LEARN SETUP" and then press the OK button ❶. In the LCD display ❶ "LEARN SET" appears.
4. With the ▲ or ▼ button ❺ select "LEARN CLEAR" (taught delete) and confirm with the OK button ❶. In the LCD display ❶ "CONFIRM CLEAR" (confirm delete) appears.
5. Confirm with the OK button ❶. In the LCD display ❶ "SUCCESS" appears. All programmed buttons for the selected device are deleted. Finally the menu will automatically end.

## Macro Setup

---

With the MACRO function up to 16 button commands can be carried out with the press of a single button, that is to say, several previously saved control commands can be deleted with one MACRO button. There are 4 Macro memory slots available for you.

## To programme a Macro

For Macro programming proceed as follows:




1. Hold down the S button ④ for a little longer than 3 seconds. The notice "CODE SETUP" appears.
2. With the ▲ or ▼ button ⑤ select "MACRO SETUP" and confirm with the OK button ⑰. In the display "MACRO SETUP 1" appears.
3. With the ▲ or ▼ button ⑤ select the memory slot to be programmed (MACRO SETUP 1 - 4) and confirm with the OK button ⑰.
4. In the LCD display ① "MACRO STEP" appears. Now press, one after the other, the desired buttons (max. 16). The sequence should begin with a device button ③.
5. When the maximum number of button commands is reached the LCD display ① shows "FULL".
6. Save the entry with the S button ④. In the LCD display ① "MACRO SETUP" appears.
7. If, with the selection of the Macros to be programmed (step 3), you select a memory slot that is already occupied the existing Macro will be overwritten.
8. Repeat the process from step 3 to create further Macros.
9. With the EXIT button ⑥ you move a level upwards in the menu except during the entry of the button commands.

### ① **Tips:**

1. A maximum of 16 button commands can be saved in a Macro. After entering the 16 button commands the Macro is automatically saved and in the LCD display ① "FULL" appears.
2. To exit the mode without saving allow approx. 15 seconds to pass without an entry.
3. In the mode "MACRO STEP" you can only return to the previous status with the S button ④.

**Example:** You want to save a command chain in a Macro. We begin in the mode "MACRO STEP".

Desired command chain: Switch on TV => switch to the AV input => switch on DVD and playback.

In the mode "MACRO STEP", for this you enter the following button commands: TV =>  => AV => DVD =>  => 

## Execute a Macro

To execute a pre-programmed Macro proceed as follows:

1. Press the MACRO button ⑧.
2. With the corresponding number button ⑨ you access the desired Macro (1-4). Example: If Macro 3 is to be implemented press first the Macro button ⑧ and then, within 5 seconds, the number button "③".

## To delete all Macros

To delete all pre-programmed Macros proceed as follows:

1. Hold down the S button ④ for a little longer than 3 seconds. The notice "CODE SETUP" appears.
2. With the ▲ or ▼ button ⑤ select "MACRO SETUP" and confirm with the OK button ⑰. In the display "MACRO SETUP 1" appears.
3. With the ▲ or ▼ button ⑤ select "MACRO CLEAR" and confirm with the OK button ⑰.
4. In the LCD display ① "CONFIRM CLEAR" (confirm delete) appears. Confirm the delete process with the OK button ⑰. The LCD display ① shows "SUCCESS". All Macros are now deleted and the menu will end.

### ⓘ **Tips:**

1. When the LCD display ① shows "CONFIRM CLEAR" you can stop the delete process with the EXIT button ⑥.
2. Individual Macros can not be deleted they can only be overwritten.

## Favourites channel

---

### ⓘ **Note:**


With this function you can save your preferred stations as favourites.

## To programme favourites

Your favourite stations are saved as follows:

1. Press the device button ③ for the device that you want to save a favourite.
2. Hold down the S button ④ for a little longer than 3 seconds. The notice "CODE SETUP" appears.
3. With the ▲ or ▼ button ⑤ select "FAV CH SETUP" and confirm with the OK button ⑰. In the display "FAV CH SETUP 1" appears.
4. With the ▲ or ▼ button ⑤ select the memory slot to be programmed (FAV CH SETUP 1 - 4) and confirm with the OK button ⑰.
5. In the LCD display ① "FAV CH STEP" appears. Now press, one after the other, the buttons (max. 4) for access to your desired favourite stations.
6. When the maximum number of button commands is reached the LCD display ① shows "FULL".
7. Save the entry with the S button ④. In the LCD display ① "FAV CH SETUP" appears.
8. If, with the selection of the favourites to be programmed (step 4), you select a memory slot that is already occupied the existing favourite will be overwritten.
9. Repeat the steps to apply further favourites.
10. With the EXIT button ⑥ you move a level backwards in the menu except during the entry of the button commands.

### **i Note:**





The input of the channel numbers can vary according to the model and brand of the selected devices. If necessary, with multi-digit channel numbers you must first press the  button **10**.

### **To access favourites**

To access a pre-programmed favourite press the FAV/EPG button **18** followed by the corresponding number button for the desired memory slot (1 - 4).

### **Delete All FAV channels**

To delete all pre-programmed favourites proceed as follows:

1. Hold down the S button **4** for a little longer than 3 seconds.
2. With the  or  button **5** select "FAV CH SETUP" and confirm with the OK button **17**. In the display "FAV CH SETUP 1" appears.
3. With the  or  button **5** select "FAV CH CLEAR" and confirm with the OK button **17**.
4. In the LCD display **1** "CONFIRM CLEAR" (confirm delete) appears. Confirm the delete process with the OK button **17**. The LCD display **1** shows "SUCCESS". All favourites are now deleted and the menu will end.


### **i Tips:**

1. When the LCD display **1** shows "CONFIRM CLEAR" you can stop the delete process with the EXIT button **6**.
2. Individual favourites can not be deleted they can only be overwritten.

## **Volume control**

---

### **Vol +/-, (Mute switching)**

Press the "VOL+" button to increase the volume. With the "VOL -" button you reduce the volume. To mute the sound press the -button **14**. A further press of this button turns the sound back on.

When you activate the VOL +/- buttons **15** on the URC basically the volume adjustment on the TV device is addressed, regardless thereof, which device button **3** was pressed previously. This admittedly does not apply to the devices "AMP" and "DSAT" since you can assume that these devices have their own volume adjustment.


## For operation

---


- ⇒ To operate one of the programmed devices with the URC first press the corresponding device button ③. Then point the URC to this device and press the desired button.
- ⇒ Put the number buttons ⑨ exactly as you do with the original remote control. Before you make a two digit entry press, if necessary, the +/- button ⑩.
- ⇒ Press the FAV/EPG button ⑱ to start the electronic programme guide of a device equipped with this function.
- ⇒ Whilst you hold down the S button ④ the date will be superimposed below to the right in the LCD display ①.
- ⇒ Whilst you hold down one of the device buttons ③ the active code for this device will be superimposed below to the right in the LCD display ①.
- ⇒ Via the MENU button ⑯ you access the dialogue for the setting of the respective target device.

## All OFF

### **Tips:**

With the button  ALL OFF (all off) ② all devices that are switched on can be automatically switched off. This function can switch on again devices that have already been switched off (depending on the device). For this hold down the ALL OFF button ② for approx. 5 seconds. This will only function under the following circumstances:

1. A visible connection exists between all the devices and the URC.
2. Automatic code search, brand code search and MACRO function are not active.
3. All target devices must be suitable for remote control switch off.

To again switch on all devices automatically hold down once more the button  ② until all devices are switched on.

## Faults / Remedies

---

### **Your device does not react to the URC.**

- ⇒ Check the batteries. They must have enough voltage and be properly installed.
- ⇒ Firstly have you pressed the correct device button ③ for the desired target device?
- ⇒ Check to see that the correct code is programmed in for the target device (see section "Code Setup").

### **The URC is transmitting the commands incorrectly.**

- ⇒ Press the corresponding device button ③ to set the URC to the correct mode.
- ⇒ The batteries must have enough voltage and be properly installed.

- ⇒ It is possible that you are using the wrong code. Start the brand code search, the automatic code search or the direct code input (manual).

### **The URC does not change the station on the device.**

- ⇒ Press the corresponding device button **3** to set the URC to the correct mode.
- ⇒ In the event that the original RC does not have a "-/-" button, change the programme with the CH+/- buttons **7** or the number buttons **9**.
- ⇒ If this also does not work the child protection for the target device could be activated.

### **Some buttons on the URC do not function properly.**

- ⇒ It is possible that your URC does not have all of the functions that are on the device's original remote control.
- ⇒ It is possible that you have not programmed in the optimal code. Search for a code that supports more of the target device's functions.

### **The URC stops reacting after a button is pressed.**

- ⇒ The batteries must have enough voltage and be properly installed.
- ⇒ Point the URC towards your device.

### **The LCD display **1** shows nothing.**

- ⇒ The batteries must have enough voltage and be properly installed.
- ⇒ The contrast could be set too low. Increase the contrast setting.

## **Disposal**



**Do not dispose of the device in your normal domestic waste. This product is subject to the European directive 2002/96/EC.**


### **Universal remote control**

- Have the universal remote control or parts of it disposed of by a professional disposal company or by your communal disposal facility.
- Observe the currently applicable regulations. In case of doubt contact your disposal facility.

### **Batteries/rechargeable batteries**

- Used batteries/rechargeable batteries may not be disposed of in household waste.
- Batteries can contain poisons which are damaging to the environment. Therefore, dispose of the batteries/rechargeable batteries in accordance with statutory regulations.



- Every consumer is legally obliged to surrender batteries/rechargeable batteries to a community collection centre in their district or to a dealer. The purpose of this obligation is to ensure that batteries are disposed of in a non-polluting manner.
  - Only dispose of batteries when they are fully discharged.
-  Dispose of packaging materials in an environmentally responsible manner.

## CE- Conformity

---

**CE** This device satisfies the fundamental requirements and other relevant regulations of the EMC Directive 2004/108/EC.

## Importer

---

KOMPERNASS GMBH  
BURGSTRASSE 21  
44867 BOCHUM, GERMANY

[www.kompernass.com](http://www.kompernass.com)

## Technical data

---

Controllable devices:	10
Dimensions	
L x W x H:	212 x 50 x 23 mm
Weight :	116 g (without batteries)
Infrared LED:	Laser class 1
Power supply	
Batteries:	2 x 1.5 V, type AAA/LR03 (micro) (supplied)

## Important Warranty Notices

---

The warranty for this device is for 3 years from the date of purchase. Should you have grounds for complaint, despite our high quality standards, please contact our Service Hotline. In the event that your complaint cannot be resolved over the telephone, you will receive from them

- a processing number (RMA number) as well as
- an address to which you can send your device for repair under warranty.

In the case of a mail-in shipment please enclose a copy of the purchase receipt (sales slip). The device must be securely packed and the RMA number clearly visible. Shipments without an RMA number can not be processed.

**i Note:** The warranty provisions cover only material or factory defects.

The warranty provisions do not cover

- parts subject to wear and tear
- for damage to breakable parts, such as switches or rechargeable batteries.

This product is for private use only and is not intended for commercial use. The warranty is void in the case of abusive and improper handling, use of force and internal tampering not carried out by our authorized service branch. Your statutory warranty claims are not restricted by this warranty.

**GB DES Ltd**

Tel.: 0870/787-6177

Fax: 0870/787-6168

e-mail: support.uk@kompernass.com

**IE Kompernass Service Ireland**

Tel: 1850 930 412 (0,082 EUR/Min.)

Standard call rates apply. Mobile operators may vary.

e-mail: support.ie@kompernass.com